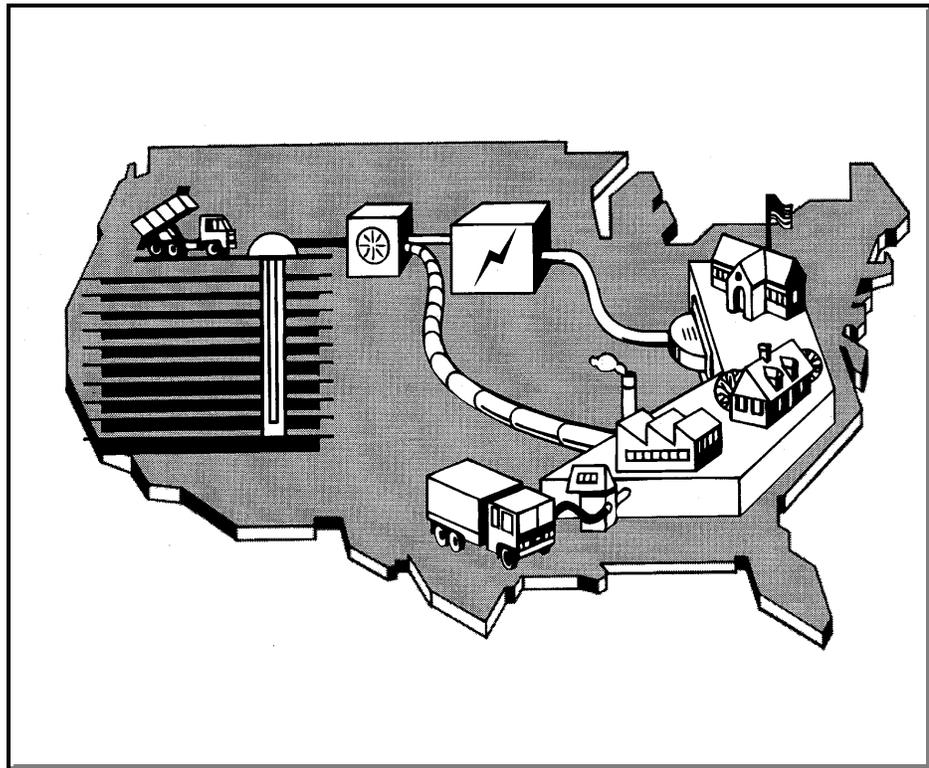




Landfill Gas-to-Energy Project Opportunities

Landfill Profiles for the State of New York



EPA Landfill Methane Outreach Program



The EPA Landfill Methane Outreach Program, a key component of the United State's *Climate Change Action Plan*, encourages the use of landfill gas (LFG) as an energy resource. EPA assists utilities, municipal and private landfill owners and operators, tribes, and state agencies in reducing methane emissions from landfills through the development of profitable landfill energy recovery projects. Methane captured from landfills can be transformed into a cost-effective fuel source for electricity, heat, boiler and vehicular fuel, or sale to a pipeline. EPA estimates there are approximately 200 landfill methane recovery projects in the U.S. and that up to 750 landfills could install economically viable landfill energy projects.

The Landfill Methane Outreach Program includes five important components: the State Ally, Energy Ally, Industry Ally, Community Partner, and Endorser programs. EPA establishes separate alliances with state agencies, energy providers (including investor-owned, municipal and other public power utilities and cooperatives), key trade and public sector associations, members of the landfill gas development industry (including developers, engineers, equipment vendors, and others) and local communities, municipalities and landfill owner/operators through a Memorandum of Understanding (MOU). By signing the MOU, each Ally/Partner acknowledges a shared commitment to the promotion of landfill gas-to-energy recovery at solid waste landfills, recognizes that the widespread use of landfill gas will reduce emissions of methane and other gases, and commits to undertake activities to enhance development of this resource. In return, EPA agrees to provide landfill gas-to-energy project assistance and public recognition of the Allies' and Partners' participation in the program.

Introduction

Since 1994 the U.S. EPA's Landfill Methane Outreach Program (LMOP) has participated in an ongoing effort to gather information on Municipal Solid Waste landfills (MSW). A key component of the LMOP is to provide MSW landfill owners and operators, project developers, utilities, and other potential project participants with information on MSW landfills that may offer attractive energy development opportunities. This document presents state specific landfill information, hereinafter referred to as the landfill profiles. These profiles are useful to evaluate the potential for developing landfill gas-to-energy projects (LFGTE). EPA assembled this information from state and local sources as well as various national solid waste publications, landfill owners and operators, and project developers.

The EPA has prepared a separate document to describe the methodology used to develop the state-specific landfill profiles and estimate the benefits of using LFGTE as an energy source. The document, *Landfill Gas-to-Energy Project Opportunities, Background Information on Landfill Profiles*, contains background information on gas collection and use, describes the data fields according to the five sections listed on the landfill profiles, and where applicable, illustrates calculations and default values used to derive estimates. EPA strongly recommends that users read the document prior to using the landfill profiles. Users can obtain the document by calling the LMOP hotline at 1-888-STAR-YES.

Data Sources

- EPA-ORD Landfill Gas Utilization-Survey (Thorneloe, 1997)
- Directory and Atlas of Solid Waste Disposal Facilities (SWA, 1994)
- Implementation Guide for Landfill Gas Recovery Projects in the Northeast (SCS, 1994)
- Landfill Gas-to-Energy 1994-1995 Activity Report (SWT, 1994)
- Methane Recovery from Landfill Yearbook (GAA, 1994)
- Project developers, landfill owners, and operators
- State and local records
- Survey of Landfill Gas Generation Potential (EPRI, 1992)
- U.S. Landfill Directory (SWANA, 1992)

Landfill Classification

To facilitate the use of available landfill information, EPA has categorized the landfills into five categories: Current Project,¹ Candidate Project, Shutdown, Other, and Unknown waste-in-place (WIP). These categories are based on the status of the landfill's LFGTE project(s) and WIP. The generation of methane is a function of many factors, the most critical being the amount of waste-in-place and the number of years the waste has been in the landfill. Peak methane generation occurs soon after closure; therefore, the longer the landfill has been closed, the less attractive it becomes for methane recovery. Based on the general timing of peak methane generation, EPA assumes that landfills that ceased accepting waste prior to 1993 have a low probability of generating enough methane to make a gas recovery project economical. Consequently, landfills need to be operating in 1993 to be considered as having a Candidate Project.

Landfill Categorizes

Current Project:

- Landfill with operational LFGTE project or landfill with LFGTE project under construction.

Candidate Project:

- Landfill with a potential or planned LFGTE utilization project; or
- Landfill is currently operating or closed after 1993; and has more than 1,000,000 tons of municipal solid waste-in-place.²

Shutdown:

- Landfill with shutdown LFGTE project.

Other:

- Landfill has less than 1,000,000 tons of municipal solid waste-in-place with no current or planned LFGTE project.

Unknown WIP:

- Landfill with insufficient data to determine the waste-in-place.

State Summary

State-specific landfill profile information is summarized in three exhibits. Exhibit 1 presents a summary of the state-specific potential for LFG utilization energy by landfill category. Exhibit 2 summarizes the emissions avoided by fossil fuel displacement for electricity generation and direct use projects. Exhibit 3 presents an index of the state-specific MSW landfills, referenced by category, landfill name and general characteristics.

¹ Current projects illustrate the wide range of successful project development options.

² By modeling the relationship between WIP and methane generation, a cut-off of 1,000,000 tons of WIP was established; landfills having at least 1,000,000 tons of WIP are considered candidate landfills.



Exhibit 1: New York MSW Landfill Summary

Category	No. of Landfills	Est. Capacity Potential		Est. CH4 Generation (mmscf/d)	Methane Reduction (tons/yr)		CO2 Equivalent of CH4 Reduction (tons/yr)	
		Electricity (MW)	Gas Capacity (mmBtu/hr)		Potential	Current	Potential	Current
Current	18	94	940	30	173,863	113,705	3,651,123	2,387,801
Candidate	9	25	248	8	45,894	0	963,776	0
Shutdown	4	9	86	3	15,921	20,814	334,335	437,090
Other	26	39	387	12	71,602	3,469	1,503,638	72,849
Unknown WIP	23							
Total	80	166	1,661	53	307,280	137,988	6,452,872	2,897,740

Exhibit 2: Potential New York Emissions Avoided by Fossil Fuel Displacement

Category	Electricity Generation Project						Direct Use Project					
	CO2 (tons/yr)			SO2 (tons/yr)			CO2 (tons/yr)			SO2 (tons/yr)		
	Coal	Oil	Natural Gas	Coal	Oil	Natural Gas	Coal	Oil	Natural Gas	Coal	Oil	Natural Gas
Current	741,130	608,286	409,020	4,685	3,915	0	523,565	429,718	288,948	4,764	2,504	3
Candidate	195,740	160,655	108,027	1,237	1,034	0	138,204	113,431	76,273	1,258	661	1
Shutdown	67,878	55,711	37,461	429	359	0	47,943	39,349	26,459	436	229	0
Other	305,450	250,699	168,574	1,931	1,614	0	215,619	176,970	118,997	1,962	1,031	1
Unknown WIP												
Total	1,310,198	1,075,351	723,081	8,282	6,922	0	925,329	759,469	510,677	8,419	4,426	5

Exhibit 3: Index of Landfills in New York

Category	Landfill Name	WIP			Landfill Operating in 1998	LFG Collected	LFG Utilization Project	Status of LFGTE Project
		<2.5 million tons	2.5 to 4 million tons	>4 million tons				
Current	Al Turi LF	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	Operational
Current	Brookhaven LF	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	Operational
Current	Broome County Nanticoke SLF	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Construction
Current	Fresh Kills SLF	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	Operational
Current	Greater Albany SLF	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	Operational
Current	High Acres LF	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	Operational
Current	Lancaster SLF	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	Operational
Current	Modern LF	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Operational
Current	Mohawk Valley SLF	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	Operational
Current	Monroe Livingston SLF	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	Operational
Current	Niagara Recycling Facility	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	Operational
Current	Oceanside LF	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	Operational
Current	Old Bethpage LF	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	Operational
Current	Orange County LF	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	Operational
Current	Saratoga Springs LF	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	Operational
Current	Seneca Meadows LF	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	Operational
Current	Smithtown LF	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	Operational
Current	Tripoli LF	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	Operational
Candidate	Chemung County SWDD SLF	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Unknown
Candidate	CID LF	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Planned
Candidate	Colonie SLF	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Planned
Candidate	Ellery SLF	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Unknown
Candidate	Ontario County SLF	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Unknown
Candidate	Six Town Austro Brothers SLF	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Potential
Candidate	Sullivan County LF	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Potential
Candidate	Tonawanda Landfill	<input type="checkbox"/>	Planned					
Candidate	Troy SLF	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Planned
Shutdown	Blydenburg Road SLF	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Shutdown
Shutdown	Islip LF	<input type="checkbox"/>	Shutdown					
Shutdown	Riverhead LF	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Shutdown
Shutdown	Riverhead Youngs Avenue SLF	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Shutdown
Other	Allegany County LF	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Unknown
Other	Auburn SLF #2	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Unknown
Other	Babylon MSW LF	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Unknown
Other	Bath LF	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Unknown
Other	Bristol Hill SLF	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Unknown
Other	Central Service LF	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Unknown
Other	Clifton Park LF	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Unknown
Other	Delaware County LF	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Unknown

Exhibit 3: Index of Landfills in New York

Category	Landfill Name	WIP			Landfill Operating in 1998	LFG Collected	LFG Utilization Project	Status of LFGTE Project
		<2.5 million tons	2.5 to 4 million tons	>4 million tons				
Other	Development Authority of North Countr	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Unknown
Other	East Hampton SLF	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	None
Other	East Northport SLF	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Unknown
Other	Eastern Service LF	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Unknown
Other	Esopus SLF	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Unknown
Other	Fulton County LF	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Unknown
Other	Laidlaw, Incorporated SLF	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Unknown
Other	Mill Seat LF	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Unknown
Other	Niagara County SLF NCRDD	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Unknown
Other	Niagara LF, Incorporated	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Unknown
Other	North Sea LF	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Unknown
Other	Orleans SLF	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Unknown
Other	Philipstown SLF	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Unknown
Other	Port Washington LF, L-5	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Unknown
Other	Queensbury LF	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Unknown
Other	Steuben County DPW	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Unknown
Other	Warwarsing SLF	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Unknown
Other	Woodstock SLF	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Unknown
Unknown WIP	Auburn SLF #1	<input type="checkbox"/>	<input type="checkbox"/>	Unknown				
Unknown WIP	Camillus LF	<input type="checkbox"/>	<input type="checkbox"/>	Unknown				
Unknown WIP	Chenango County District #1 SLF (CO	<input type="checkbox"/>	<input type="checkbox"/>	Unknown				
Unknown WIP	Chenango County District #3 SLF	<input type="checkbox"/>	<input type="checkbox"/>	Unknown				
Unknown WIP	Chenango County Refuse District #2 S	<input type="checkbox"/>	<input type="checkbox"/>	Unknown				
Unknown WIP	Cohoes Municipal LF	<input type="checkbox"/>	<input type="checkbox"/>	Unknown				
Unknown WIP	Cortland County SLF	<input type="checkbox"/>	<input type="checkbox"/>	Unknown				
Unknown WIP	Cuyler LF	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Unknown
Unknown WIP	Dewitt LF	<input type="checkbox"/>	<input type="checkbox"/>	Unknown				
Unknown WIP	Doughty's LF	<input type="checkbox"/>	<input type="checkbox"/>	Unknown				
Unknown WIP	Edgemere SLF	<input type="checkbox"/>	<input type="checkbox"/>	Unknown				
Unknown WIP	Elbridge LF	<input type="checkbox"/>	<input type="checkbox"/>	Unknown				
Unknown WIP	Formso SLF	<input type="checkbox"/>	<input type="checkbox"/>	Unknown				
Unknown WIP	Haverstraw SLF	<input type="checkbox"/>	<input type="checkbox"/>	Unknown				
Unknown WIP	Holtsville SLF	<input type="checkbox"/>	<input type="checkbox"/>	None				
Unknown WIP	IP-Ticonderoga Mill LF	<input type="checkbox"/>	<input type="checkbox"/>	Unknown				
Unknown WIP	Manlius SLF	<input type="checkbox"/>	<input type="checkbox"/>	Unknown				
Unknown WIP	Moriah SLF	<input type="checkbox"/>	<input type="checkbox"/>	Unknown				
Unknown WIP	NYS Fairgrounds LF	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Unknown
Unknown WIP	Scardefield-Back SLF	<input type="checkbox"/>	<input type="checkbox"/>	Unknown				
Unknown WIP	Schuyler Falls LF	<input type="checkbox"/>	<input type="checkbox"/>	Unknown				

Exhibit 3: Index of Landfills in New York

Category	Landfill Name	WIP			Landfill Operating in 1998	LFG Collected	LFG Utilization Project	Status of LFGTE Project
		<2.5 million tons	2.5 to 4 million tons	>4 million tons				
Unknown WIP	Tompkins County LF	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Unknown
Unknown WIP	Woodstock SLF	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Unknown

A. GENERAL LANDFILL INFORMATION

Landfill Owner:		Annual Acceptance Rate (tons):	351,529
Landfill Owner Type:	Public	Year Annual Acceptance Rate Reported:	1993
Alternative Landfill Name:		Design Capacity (tons):	4,800,000
City:	Goshen	Acres Currently Landfilled (acres):	100
County:	Orange	Average Depth (feet):	70
State:	NY	1995 Waste-in-Place (tons):	4,051,529
Year Open:	1968	1998 Waste-in-Place (tons):	4,051,529
Year Closed:	1995		

B. LANDFILL GAS COLLECTION

Estimated Methane Generation (mmscf/d):	1.45
LFG Collection System Status:	Operational
Current LFG Collected (mmscf/d):	2.0
Collection and Treatment System Required Under NSPS/EG:	No

C. LANDFILL GAS UTILIZATION

Current Utilization:			
Utilization System Status:	Operational		
Utilization System Type:	Reciprocating Engine		
Utilization System Start Year:	1988		
Electric Utility Provider(s):			
Natural Gas Provider(s):			
Energy Purchaser(s):	Orange & Rockland Utilities Inc		
Capacity:	Electricity Generation Project (MW)	OR	Direct Use Project (mmBtu/hr)
Estimated Potential Capacity:	5		45
Current Capacity:	5.0		42
Planned Capacity:			

Utilities in County: Central Hudson Gas & Electric Corp; New York State Electric & Gas Corp; Niagara Mohawk Power

D. ENVIRONMENTAL BENEFITS OF UTILIZATION

	<i>Potential</i>		Current	
<i>Methane Reduction (tons/yr):</i>	8,408		7,709	
<i>CO2 Equivalent of CH4 Reduction (tons/yr):</i>	176,568		161,885	
<i>Emissions Avoided by Fossil Fuel Displacement:</i>	<i>Electricity Generation Project</i>		<i>Direct Use Project</i>	
	<i>CO2 (tons/yr)</i>	<i>SO2 (tons/yr)</i>	<i>CO2 (tons/yr)</i>	<i>SO2 (tons/yr)</i>
<i>Coal:</i>	35,517	225	25,320	230
<i>Fuel Oil:</i>	29,151	188	20,781	121
<i>Natural Gas:</i>	19,602	0	13,974	0

E. CONTACT INFORMATION

Landfill Owner		Landfill Operator
Contact Name:		Joseph Gambino
Mailing Address:	P.O. Box 14 R.R. 3, Hartley Road	P.O. Box 14 R.R. 3, Hartley Raod
Phone Number:		914-294-5630
Fax Number:		



A. GENERAL LANDFILL INFORMATION

Landfill Owner:	Town of Islip	Annual Acceptance Rate (tons):	
Landfill Owner Type:	Public	Year Annual Acceptance Rate Reported:	
Alternative Landfill Name:		Design Capacity (tons):	
City:	Hauppauge	Acres Currently Landfilled (acres):	55
County:	Suffolk	Average Depth (feet):	140
State:	NY	1985 Waste-in-Place (tons):	8,000,000
Year Open:	1963	1998 Waste-in-Place (tons):	8,000,000
Year Closed:	1985		

B. LANDFILL GAS COLLECTION

Estimated Methane Generation (mmscf/d):	2.00
LFG Collection System Status:	Operational
Current LFG Collected (mmscf/d):	5.0
Collection and Treatment System Required Under NSPS/EG:	No

C. LANDFILL GAS UTILIZATION

Current Utilization:			
Utilization System Status:	Shutdown		
Utilization System Type:	Reciprocating Engine		
Utilization System Start Year:	1989		
Electric Utility Provider(s):			
Natural Gas Provider(s):			
Energy Purchaser(s):	Long Island Lighting Company		
Capacity:	Electricity Generation Project (MW)	OR	Direct Use Project (mmBtu/hr)
Estimated Potential Capacity:	6		63
Current Capacity:			
Planned Capacity:	4		104

Utilities in County: Fishers Island Electric Corp; Greenport Electric Dept; Long Island Lighting Company; New York Sta

D. ENVIRONMENTAL BENEFITS OF UTILIZATION

	<i>Potential</i>		<i>Current</i>	
<i>Methane Reduction (tons/yr):</i>	11,558		19,272	
<i>CO2 Equivalent of CH4 Reduction (tons/yr):</i>	242,724		404,712	
<i>Emissions Avoided by Fossil Fuel Displacement:</i>	<i>Electricity Generation Project</i>		<i>Direct Use Project</i>	
	<i>CO2 (tons/yr)</i>	<i>SO2 (tons/yr)</i>	<i>CO2 (tons/yr)</i>	<i>SO2 (tons/yr)</i>
<i>Coal:</i>	48,935	309	34,806	317
<i>Fuel Oil:</i>	40,164	259	28,567	167
<i>Natural Gas:</i>	27,007	0	19,209	0

E. CONTACT INFORMATION

Landfill Owner		Landfill Operator
Contact Name:		
Mailing Address:	577 Main Street	577 Main Street
Phone Number:		516-224-5644
Fax Number:		

* *Italicized indicates values estimated by EPA.*

December 5, 1998

State: NY

Page:

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A. GENERAL LANDFILL INFORMATION

Landfill Owner:		Annual Acceptance Rate (tons):	577,048
Landfill Owner Type:	Public	Year Annual Acceptance Rate Reported:	1994
Alternative Landfill Name:	Horse Block Road LF; Yaphank LF	Design Capacity (tons):	1,600,000
City:	Brookhaven	Acres Currently Landfilled (acres):	90
County:	Suffolk	Average Depth (feet):	250
State:	NY	1995 Waste-in-Place (tons):	1,533,799
Year Open:	1974	1998 Waste-in-Place (tons):	1,997,598
Year Closed:	1996		

B. LANDFILL GAS COLLECTION

Estimated Methane Generation (mmscf/d):	0.93
LFG Collection System Status:	Operational
Current LFG Collected (mmscf/d):	1.8
Collection and Treatment System Required Under NSPS/EG:	No

C. LANDFILL GAS UTILIZATION

Current Utilization:			
Utilization System Status:	Operational		
Utilization System Type:	Reciprocating Engine		
Utilization System Start Year:	1984		
Electric Utility Provider(s):			
Natural Gas Provider(s):			
Energy Purchaser(s):	Brookhaven Landfill Energy Corporation		
Capacity:	Electricity Generation Project (MW)	OR	Direct Use Project (mmBtu/hr)
Estimated Potential Capacity:	3		29
Current Capacity:	3.0		38
Planned Capacity:			

Utilities in County: Fishers Island Electric Corp; Greenport Electric Dept; Long Island Lighting Company; New York Sta

D. ENVIRONMENTAL BENEFITS OF UTILIZATION

	<i>Potential</i>		Current	
<i>Methane Reduction (tons/yr):</i>	5,371		6,938	
<i>CO2 Equivalent of CH4 Reduction (tons/yr):</i>	112,785		145,696	
<i>Emissions Avoided by Fossil Fuel Displacement:</i>	<i>Electricity Generation Project</i>		<i>Direct Use Project</i>	
	<i>CO2 (tons/yr)</i>	<i>SO2 (tons/yr)</i>	<i>CO2 (tons/yr)</i>	<i>SO2 (tons/yr)</i>
<i>Coal:</i>	22,889	145	16,173	147
<i>Fuel Oil:</i>	18,786	121	13,274	77
<i>Natural Gas:</i>	12,632	0	8,926	0

E. CONTACT INFORMATION

Landfill Owner		Landfill Operator
Contact Name:	Michael Groben	Michael Groben
Mailing Address:	3233 Route 112	3233 Route 112
Phone Number:	516-451-6210	516-286-2828
Fax Number:		



A. GENERAL LANDFILL INFORMATION

Landfill Owner:	Broome County	Annual Acceptance Rate (tons):	144,379
Landfill Owner Type:	Public	Year Annual Acceptance Rate Reported:	1993
Alternative Landfill Name:		Design Capacity (tons):	3,200,000
City:	Binghamton	Acres Currently Landfilled (acres):	11
County:	Broome	Average Depth (feet):	
State:	NY	1995 Waste-in-Place (tons):	3,144,379
Year Open:	1969	1998 Waste-in-Place (tons):	3,433,137
Year Closed:	1997		

B. LANDFILL GAS COLLECTION

Estimated Methane Generation (mmscf/d):	1.30
LFG Collection System Status:	Operational
Current LFG Collected (mmscf/d):	
Collection and Treatment System Required Under NSPS/EG:	No

C. LANDFILL GAS UTILIZATION

Current Utilization:			
Utilization System Status:	Construction		
Utilization System Type:	Reciprocating Engine		
Utilization System Start Year:	1998		
Electric Utility Provider(s):			
Natural Gas Provider(s):			
Energy Purchaser(s):			
Capacity:	Electricity Generation Project (MW)	OR	Direct Use Project (mmBtu/hr)
Estimated Potential Capacity:	4		41
Current Capacity:			
Planned Capacity:	1.6		

Utilities in County: Delaware County Elec Coop Inc; Endicott Municipal Light Plant; New York State Electric & Gas Cor

D. ENVIRONMENTAL BENEFITS OF UTILIZATION

	<i>Potential</i>		Current	
<i>Methane Reduction (tons/yr):</i>	7,494		0	
<i>CO2 Equivalent of CH4 Reduction (tons/yr):</i>	157,364		0	
<i>Emissions Avoided by Fossil Fuel Displacement:</i>	<i>Electricity Generation Project</i>		<i>Direct Use Project</i>	
	<i>CO2 (tons/yr)</i>	<i>SO2 (tons/yr)</i>	<i>CO2 (tons/yr)</i>	<i>SO2 (tons/yr)</i>
<i>Coal:</i>	32,360	205	22,566	205
<i>Fuel Oil:</i>	26,560	171	18,521	108
<i>Natural Gas:</i>	17,859	0	12,454	0

E. CONTACT INFORMATION

	Landfill Owner	Landfill Operator
Contact Name:	Edward Collins	Edward Collins
Mailing Address:	County Office Box 1766	County Office Box 1766
Phone Number:	607-778-2482	607-778-2286
Fax Number:		

* *Italicized indicates values estimated by EPA.*

A. GENERAL LANDFILL INFORMATION

Landfill Owner:	CID Landfill, Inc.	Annual Acceptance Rate (tons):	192,000
Landfill Owner Type:	Private	Year Annual Acceptance Rate Reported:	1993
Alternative Landfill Name:		Design Capacity (tons):	
City:	Sardinia	Acres Currently Landfilled (acres):	51
County:	Erie	Average Depth (feet):	125
State:	NY	1998 Waste-in-Place (tons):	4,026,200
Year Open:	1958	1998 Waste-in-Place (tons):	4,026,200
Year Closed:	2005		

B. LANDFILL GAS COLLECTION

Estimated Methane Generation (mmscf/d):	1.19
LFG Collection System Status:	Operational
Current LFG Collected (mmscf/d):	
Collection and Treatment System Required Under NSPS/EG:	Yes

C. LANDFILL GAS UTILIZATION

Current Utilization:			
Utilization System Status:	Planned		
Utilization System Type:	Direct Thermal		
Utilization System Start Year:			
Electric Utility Provider(s):			
Natural Gas Provider(s):			
Energy Purchaser(s):			
Capacity:	Electricity Generation Project (MW)	OR	Direct Use Project (mmBtu/hr)
Estimated Potential Capacity:	4		37
Current Capacity:			
Planned Capacity:			

Utilities in County: Akron Municipal Electric Utility; Arcade Municipal Electric Dept; New York State Electric & Gas C

D. ENVIRONMENTAL BENEFITS OF UTILIZATION

	<i>Potential</i>		<i>Current</i>	
<i>Methane Reduction (tons/yr):</i>	6,882		0	
<i>CO2 Equivalent of CH4 Reduction (tons/yr):</i>	144,524		0	
<i>Emissions Avoided by Fossil Fuel Displacement:</i>	<i>Electricity Generation Project</i>		<i>Direct Use Project</i>	
	<i>CO2 (tons/yr)</i>	<i>SO2 (tons/yr)</i>	<i>CO2 (tons/yr)</i>	<i>SO2 (tons/yr)</i>
<i>Coal:</i>	29,203	185	20,724	189
<i>Fuel Oil:</i>	23,969	154	17,010	99
<i>Natural Gas:</i>	16,117	0	11,438	0

E. CONTACT INFORMATION

	Landfill Owner	Landfill Operator
Contact Name:	Tom Machucki	Michael Glasner
Mailing Address:	10860 Olean Road	10860 Olean Road
Phone Number:		716-496-5000
Fax Number:		

* *Italicized indicates values estimated by EPA.*

A. GENERAL LANDFILL INFORMATION

Landfill Owner:	Chemung County SWDD	Annual Acceptance Rate (tons):	68,505
Landfill Owner Type:	Public	Year Annual Acceptance Rate Reported:	1993
Alternative Landfill Name:	Chemung County SLF	Design Capacity (tons):	2,300,000
City:	Elmira	Acres Currently Landfilled (acres):	28
County:	Chemung	Average Depth (feet):	96
State:	NY	1993 Waste-in-Place (tons):	2,714,733
Year Open:	1973	1998 Waste-in-Place (tons):	3,008,905
Year Closed:	2017		

B. LANDFILL GAS COLLECTION

Estimated Methane Generation (mmscf/d):	1.19
LFG Collection System Status:	
Current LFG Collected (mmscf/d):	
Collection and Treatment System Required Under NSPS/EG:	No

C. LANDFILL GAS UTILIZATION

Current Utilization:

Utilization System Status:	Unknown
Utilization System Type:	Unknown
Utilization System Start Year:	
Electric Utility Provider(s):	
Natural Gas Provider(s):	
Energy Purchaser(s):	

Capacity: Electricity Generation Project (MW) OR Direct Use Project (mmBtu/hr)

Estimated Potential Capacity:	4	37
Current Capacity:		
Planned Capacity:		

Utilities in County: New York State Electric & Gas Corp

D. ENVIRONMENTAL BENEFITS OF UTILIZATION

	<i>Potential</i>		<i>Current</i>	
<i>Methane Reduction (tons/yr):</i>	6,866		0	
<i>CO2 Equivalent of CH4 Reduction (tons/yr):</i>	144,190		0	
<i>Emissions Avoided by Fossil Fuel Displacement:</i>	<i>Electricity Generation Project</i>		<i>Direct Use Project</i>	
	<i>CO2 (tons/yr)</i>	<i>SO2 (tons/yr)</i>	<i>CO2 (tons/yr)</i>	<i>SO2 (tons/yr)</i>
<i>Coal:</i>	29,203	185	20,677	188
<i>Fuel Oil:</i>	23,969	154	16,970	99
<i>Natural Gas:</i>	16,117	0	11,411	0

E. CONTACT INFORMATION

	Landfill Owner	Landfill Operator
Contact Name:	Vincent Nykiel	Vincent Nykiel
Mailing Address:	1690 Lake Street, P.O. Box 588	1690 Lake Street, P.O. Box 588
Phone Number:	607-737-2980	607-737-2980
Fax Number:		

* *Italicized indicates values estimated by EPA.*

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A. GENERAL LANDFILL INFORMATION

Landfill Owner:	Town of Colonie	Annual Acceptance Rate (tons):	145,000
Landfill Owner Type:	Public	Year Annual Acceptance Rate Reported:	1998
Alternative Landfill Name:		Design Capacity (tons):	3,000,000
City:	Colonie	Acres Currently Landfilled (acres):	120
County:	Albany	Average Depth (feet):	82
State:	NY	1995 Waste-in-Place (tons):	1,551,663
Year Open:	1969	1998 Waste-in-Place (tons):	2,006,651
Year Closed:	2018		

B. LANDFILL GAS COLLECTION

Estimated Methane Generation (mmscf/d):	0.93
LFG Collection System Status:	Operational
Current LFG Collected (mmscf/d):	0.0
Collection and Treatment System Required Under NSPS/EG:	Yes

C. LANDFILL GAS UTILIZATION

Current Utilization:			
Utilization System Status:	Planned		
Utilization System Type:	Unknown		
Utilization System Start Year:			
Electric Utility Provider(s):	Niagara Mohawk		
Natural Gas Provider(s):			
Energy Purchaser(s):	Mohawk Paper		
Capacity:	Electricity Generation Project (MW)	OR	Direct Use Project (mmBtu/hr)
Estimated Potential Capacity:	3		29
Current Capacity:			
Planned Capacity:			0

Utilities in County: Central Hudson Gas & Electric Corp; Green Island Power Auth; Niagara Mohawk Power Corporation

D. ENVIRONMENTAL BENEFITS OF UTILIZATION

	<i>Potential</i>		Current	
<i>Methane Reduction (tons/yr):</i>	5,384		0	
<i>CO2 Equivalent of CH4 Reduction (tons/yr):</i>	113,066		0	
<i>Emissions Avoided by Fossil Fuel Displacement:</i>	<i>Electricity Generation Project</i>		<i>Direct Use Project</i>	
	<i>CO2 (tons/yr)</i>	<i>SO2 (tons/yr)</i>	<i>CO2 (tons/yr)</i>	<i>SO2 (tons/yr)</i>
<i>Coal:</i>	22,889	145	16,213	148
<i>Fuel Oil:</i>	18,786	121	13,307	78
<i>Natural Gas:</i>	12,632	0	8,948	0

E. CONTACT INFORMATION

	Landfill Owner	Landfill Operator
Contact Name:	Joseph Stockbridge, Director of Environmental Services	F. Joseph Stockbridge, Dir. of Environ. Services
Mailing Address:	Memorial Town Hall	1319 Loudon Road
Phone Number:	518-783-2728	518-783-2827
Fax Number:		

* *Italicized indicates values estimated by EPA.*

A. GENERAL LANDFILL INFORMATION

Landfill Owner:	Chautauqua County	Annual Acceptance Rate (tons):	160,680
Landfill Owner Type:	Public	Year Annual Acceptance Rate Reported:	1993
Alternative Landfill Name:	Chautauqua County SLF	Design Capacity (tons):	
City:	Ellery	Acres Currently Landfilled (acres):	87
County:	Chautauqua	Average Depth (feet):	54
State:	NY	1993 Waste-in-Place (tons):	2,936,330
Year Open:	1981	1998 Waste-in-Place (tons):	3,848,055
Year Closed:	2092		

B. LANDFILL GAS COLLECTION

Estimated Methane Generation (mmscf/d):	1.40
LFG Collection System Status:	
Current LFG Collected (mmscf/d):	
Collection and Treatment System Required Under NSPS/EG:	No

C. LANDFILL GAS UTILIZATION

Current Utilization:			
Utilization System Status:	Unknown		
Utilization System Type:	Unknown		
Utilization System Start Year:			
Electric Utility Provider(s):			
Natural Gas Provider(s):			
Energy Purchaser(s):	Bentech		
Capacity:	Electricity Generation Project (MW)	OR	Direct Use Project (mmBtu/hr)
Estimated Potential Capacity:	4		44
Current Capacity:			
Planned Capacity:			

Utilities in County: Boonville Muni Comm; Brocton Electric Dept; Jamestown Bd of Pub Util; Mayville Electric Dept; N

D. ENVIRONMENTAL BENEFITS OF UTILIZATION

	<i>Potential</i>		Current	
<i>Methane Reduction (tons/yr):</i>	8,107		0	
<i>CO2 Equivalent of CH4 Reduction (tons/yr):</i>	170,249		0	
<i>Emissions Avoided by Fossil Fuel Displacement:</i>	<i>Electricity Generation Project</i>		<i>Direct Use Project</i>	
	<i>CO2 (tons/yr)</i>	<i>SO2 (tons/yr)</i>	<i>CO2 (tons/yr)</i>	<i>SO2 (tons/yr)</i>
<i>Coal:</i>	34,728	220	24,413	222
<i>Fuel Oil:</i>	28,503	184	20,037	117
<i>Natural Gas:</i>	19,166	0	13,474	0

E. CONTACT INFORMATION

	Landfill Owner	Landfill Operator
Contact Name:	Ted Osbourne	William Gillies
Mailing Address:		3889 Townville Rd.
Phone Number:		716-985-4785
Fax Number:		

* *Italicized indicates values estimated by EPA.*



A. GENERAL LANDFILL INFORMATION

Landfill Owner:	New York City	Annual Acceptance Rate (tons):	4,180,813
Landfill Owner Type:	Public	Year Annual Acceptance Rate Reported:	1995
Alternative Landfill Name:		Design Capacity (tons):	
City:	Staten Island	Acres Currently Landfilled (acres):	1200
County:	Richmond	Average Depth (feet):	150
State:	NY	1994 Waste-in-Place (tons):	28,000,000
Year Open:	1946	1998 Waste-in-Place (tons):	44,723,252
Year Closed:	2005		

B. LANDFILL GAS COLLECTION

Estimated Methane Generation (mmscf/d):	7.02
LFG Collection System Status:	Operational
Current LFG Collected (mmscf/d):	10.0
Collection and Treatment System Required Under NSPS/EG:	No

C. LANDFILL GAS UTILIZATION

Current Utilization:

Utilization System Status:	Operational
Utilization System Type:	High Btu
Utilization System Start Year:	1982
Electric Utility Provider(s):	
Natural Gas Provider(s):	
Energy Purchaser(s):	Brooklyn Union Gas Company

Capacity:	Electricity Generation Project (MW)	OR	Direct Use Project (mmBtu/hr)
Estimated Potential Capacity:	22		219
Current Capacity:			208
Planned Capacity:			

Utilities in County: Consolidated Edison Co of New York Inc; New York State Electric & Gas Corp; Niagara Mohawk Po

D. ENVIRONMENTAL BENEFITS OF UTILIZATION

	<i>Potential</i>		<i>Current</i>	
<i>Methane Reduction (tons/yr):</i>	40,572		38,544	
<i>CO2 Equivalent of CH4 Reduction (tons/yr):</i>	852,016		809,424	
<i>Emissions Avoided by Fossil Fuel Displacement:</i>	<i>Electricity Generation Project</i>		<i>Direct Use Project</i>	
	<i>CO2 (tons/yr)</i>	<i>SO2 (tons/yr)</i>	<i>CO2 (tons/yr)</i>	<i>SO2 (tons/yr)</i>
<i>Coal:</i>	172,851	1,093	122,178	1,112
<i>Fuel Oil:</i>	141,869	913	100,278	584
<i>Natural Gas:</i>	95,394	0	67,428	1

E. CONTACT INFORMATION

	Landfill Owner	Landfill Operator
Contact Name:	Kathy Dawkins	George Bosart
Mailing Address:	125 Worth Street	125 Worth Street
Phone Number:	212-788-3916	718-370-5200
Fax Number:		

* *Italicized indicates values estimated by EPA.*

A. GENERAL LANDFILL INFORMATION

Landfill Owner:	City of Albany	Annual Acceptance Rate (tons):	231,571
Landfill Owner Type:	Public	Year Annual Acceptance Rate Reported:	1994
Alternative Landfill Name:		Design Capacity (tons):	1,840,000
City:	Albany	Acres Currently Landfilled (acres):	65
County:	Albany	Average Depth (feet):	90
State:	NY	1998 Waste-in-Place (tons):	4,100,000
Year Open:	1969	1998 Waste-in-Place (tons):	4,100,000
Year Closed:	1993		

B. LANDFILL GAS COLLECTION

Estimated Methane Generation (mmscf/d):	1.47
LFG Collection System Status:	Operational
Current LFG Collected (mmscf/d):	
Collection and Treatment System Required Under NSPS/EG:	No

C. LANDFILL GAS UTILIZATION

Current Utilization:			
Utilization System Status:	Operational		
Utilization System Type:	Reciprocating Engine		
Utilization System Start Year:	1998		
Electric Utility Provider(s):			
Natural Gas Provider(s):			
Energy Purchaser(s):	Niagara Mohawk Power Company		
Capacity:	Electricity Generation Project (MW)	OR	Direct Use Project (mmBtu/hr)
Estimated Potential Capacity:	5		46
Current Capacity:	1.9		
Planned Capacity:			

Utilities in County: Central Hudson Gas & Electric Corp; Green Island Power Auth; Niagara Mohawk Power Corporation

D. ENVIRONMENTAL BENEFITS OF UTILIZATION

	<i>Potential</i>		Current	
<i>Methane Reduction (tons/yr):</i>	8,480		0	
<i>CO2 Equivalent of CH4 Reduction (tons/yr):</i>	178,074		0	
<i>Emissions Avoided by Fossil Fuel Displacement:</i>	<i>Electricity Generation Project</i>		<i>Direct Use Project</i>	
	<i>CO2 (tons/yr)</i>	<i>SO2 (tons/yr)</i>	<i>CO2 (tons/yr)</i>	<i>SO2 (tons/yr)</i>
<i>Coal:</i>	36,307	230	25,535	232
<i>Fuel Oil:</i>	29,799	192	20,958	122
<i>Natural Gas:</i>	20,037	0	14,093	0

E. CONTACT INFORMATION

	Landfill Owner	Landfill Operator
Contact Name:	Kevin V. Byng	Harry Costello
Mailing Address:	1 Connors Boulevard	1 Connors Boulevard
Phone Number:	518-432-1144	518-432-1144
Fax Number:		

* *Italicized indicates values estimated by EPA.*

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A. GENERAL LANDFILL INFORMATION

Landfill Owner:	WMI	Annual Acceptance Rate (tons):	284,169
Landfill Owner Type:	Private	Year Annual Acceptance Rate Reported:	1993
Alternative Landfill Name:	High Acres LF and Recycling Center	Design Capacity (tons):	
City:	Fairport	Acres Currently Landfilled (acres):	69
County:	Monroe	Average Depth (feet):	90
State:	NY	1993 Waste-in-Place (tons):	6,366,723
Year Open:	1972	1998 Waste-in-Place (tons):	7,103,816
Year Closed:	1995		

B. LANDFILL GAS COLLECTION

Estimated Methane Generation (mmscf/d):	2.23
LFG Collection System Status:	Operational
Current LFG Collected (mmscf/d):	0.9
Collection and Treatment System Required Under NSPS/EG:	No

C. LANDFILL GAS UTILIZATION

Current Utilization:			
Utilization System Status:	Operational		
Utilization System Type:	Reciprocating Engine		
Utilization System Start Year:	1991		
Electric Utility Provider(s):			
Natural Gas Provider(s):			
Energy Purchaser(s):	New York State Electric & Gas Corp		
Capacity:	Electricity Generation Project (MW)	OR	Direct Use Project (mmBtu/hr)
<i>Estimated Potential Capacity:</i>	7		70
Current Capacity:	2.4		19
Planned Capacity:			

Utilities in County: Central Hudson Gas & Electric Corp; Churchville Municipal Electric; Fairport Municipal Comm; Ne

D. ENVIRONMENTAL BENEFITS OF UTILIZATION

	<i>Potential</i>		Current	
<i>Methane Reduction (tons/yr):</i>	12,922		3,469	
<i>CO2 Equivalent of CH4 Reduction (tons/yr):</i>	271,356		72,849	
<i>Emissions Avoided by Fossil Fuel Displacement:</i>	<i>Electricity Generation Project</i>		<i>Direct Use Project</i>	
	<i>CO2 (tons/yr)</i>	<i>SO2 (tons/yr)</i>	<i>CO2 (tons/yr)</i>	<i>SO2 (tons/yr)</i>
<i>Coal:</i>	55,249	349	38,912	354
<i>Fuel Oil:</i>	45,346	292	31,937	186
<i>Natural Gas:</i>	30,491	0	21,475	0

E. CONTACT INFORMATION

	Landfill Owner	Landfill Operator
Contact Name:		
Mailing Address:	1661 Mt. Read Boulevard	425 Perinton Parkway
Phone Number:	716-254-3500	716-223-6132
Fax Number:		

* *Italicized indicates values estimated by EPA.*

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A. GENERAL LANDFILL INFORMATION

Landfill Owner:	G.E.D	Annual Acceptance Rate (tons):	
Landfill Owner Type:		Year Annual Acceptance Rate Reported:	1998
Alternative Landfill Name:		Design Capacity (tons):	
City:	Hauppauge	Acres Currently Landfilled (acres):	
County:		Average Depth (feet):	
State:	NY	1998 Waste-in-Place (tons):	
Year Open:		1998 Waste-in-Place (tons):	
Year Closed:			

B. LANDFILL GAS COLLECTION

Estimated Methane Generation (mmscf/d):
 LFG Collection System Status:
 Current LFG Collected (mmscf/d):
 Collection and Treatment System Required Under NSPS/EG: No

C. LANDFILL GAS UTILIZATION

Current Utilization:
 Utilization System Status: Shutdown
 Utilization System Type: Reciprocating Engine
 Utilization System Start Year:
 Electric Utility Provider(s):
 Natural Gas Provider(s):
 Energy Purchaser(s): Long Island Lighting

Capacity: Electricity Generation Project (MW) OR Direct Use Project (mmBtu/hr)

Estimated Potential Capacity:
 Current Capacity:
 Planned Capacity:

Utilities in County:

D. ENVIRONMENTAL BENEFITS OF UTILIZATION

	<i>Potential</i>	<i>Current</i>
<i>Methane Reduction (tons/yr):</i> <i>CO2 Equivalent of CH4 Reduction (tons/yr):</i>		
<i>Emissions Avoided by Fossil Fuel Displacement:</i>	<i>Electricity Generation Project</i>	<i>Direct Use Project</i>
	<i>CO2 (tons/yr) SO2 (tons/yr)</i>	<i>CO2 (tons/yr) SO2 (tons/yr)</i>
<i>Coal:</i>		
<i>Fuel Oil:</i>		
<i>Natural Gas:</i>		

E. CONTACT INFORMATION

	Landfill Owner	Landfill Operator
Contact Name:		
Mailing Address:		
Phone Number:		
Fax Number:		

* Italicized indicates values estimated by EPA.

A. GENERAL LANDFILL INFORMATION

Landfill Owner:	Gunnville Energy	Annual Acceptance Rate (tons):	
Landfill Owner Type:	Private	Year Annual Acceptance Rate Reported:	
Alternative Landfill Name:		Design Capacity (tons):	
City:	Lancaster	Acres Currently Landfilled (acres):	125
County:	Erie	Average Depth (feet):	35
State:	NY	Waste-in-Place (tons):	2,352,773
Year Open:	1950	1998 Waste-in-Place (tons):	2,352,773
Year Closed:	1985		

B. LANDFILL GAS COLLECTION

Estimated Methane Generation (mmscf/d):	0.71
LFG Collection System Status:	Operational
Current LFG Collected (mmscf/d):	3.9
Collection and Treatment System Required Under NSPS/EG:	No

C. LANDFILL GAS UTILIZATION

Current Utilization:			
Utilization System Status:	Operational		
Utilization System Type:	Reciprocating Engine		
Utilization System Start Year:	1990		
Electric Utility Provider(s):			
Natural Gas Provider(s):			
Energy Purchaser(s):	New York State Electric & Gas Corp		
Capacity:	Electricity Generation Project (MW)	OR	Direct Use Project (mmBtu/hr)
Estimated Potential Capacity:	2		22
Current Capacity:	5.2		81
Planned Capacity:			

Utilities in County: Akron Municipal Electric Utility; Arcade Municipal Electric Dept; New York State Electric & Gas C

D. ENVIRONMENTAL BENEFITS OF UTILIZATION

	<i>Potential</i>		Current	
<i>Methane Reduction (tons/yr):</i>	4,107		15,032	
<i>CO2 Equivalent of CH4 Reduction (tons/yr):</i>	86,239		315,676	
<i>Emissions Avoided by Fossil Fuel Displacement:</i>	<i>Electricity Generation Project</i>		<i>Direct Use Project</i>	
	<i>CO2 (tons/yr)</i>	<i>SO2 (tons/yr)</i>	<i>CO2 (tons/yr)</i>	<i>SO2 (tons/yr)</i>
<i>Coal:</i>	17,364	110	12,366	113
<i>Fuel Oil:</i>	14,252	92	10,150	59
<i>Natural Gas:</i>	9,583	0	6,825	0

E. CONTACT INFORMATION

	Landfill Owner	Landfill Operator
Contact Name:	Peter Zeliff	Les Carroll
Mailing Address:	P.O. Box 116	P.O. Box 116
Phone Number:	716-759-2920	716-759-2920
Fax Number:		

* *Italicized indicates values estimated by EPA.*

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A. GENERAL LANDFILL INFORMATION

Landfill Owner:	Modern Disposal Services, Inc	Annual Acceptance Rate (tons):	339,902
Landfill Owner Type:	Private	Year Annual Acceptance Rate Reported:	1993
Alternative Landfill Name:		Design Capacity (tons):	
City:	Model City	Acres Currently Landfilled (acres):	75
County:	Niagara	Average Depth (feet):	38
State:	NY	1993 Waste-in-Place (tons):	5,173,578
Year Open:	1983	1998 Waste-in-Place (tons):	7,021,285
Year Closed:	2002		

B. LANDFILL GAS COLLECTION

Estimated Methane Generation (mmscf/d):	2.21
LFG Collection System Status:	
Current LFG Collected (mmscf/d):	
Collection and Treatment System Required Under NSPS/EG:	No

C. LANDFILL GAS UTILIZATION

Current Utilization:			
Utilization System Status:	Operational		
Utilization System Type:	Unknown		
Utilization System Start Year:	1997		
Electric Utility Provider(s):			
Natural Gas Provider(s):			
Energy Purchaser(s):			
Capacity:	Electricity Generation Project (MW)	OR	Direct Use Project (mmBtu/hr)
Estimated Potential Capacity:	7		69
Current Capacity:	3.3		
Planned Capacity:			

Utilities in County: New York State Electric & Gas Corp; Niagara Mohawk Power Corporation

D. ENVIRONMENTAL BENEFITS OF UTILIZATION

	<i>Potential</i>		<i>Current</i>	
<i>Methane Reduction (tons/yr):</i>	12,800		0	
<i>CO2 Equivalent of CH4 Reduction (tons/yr):</i>	268,794		0	
<i>Emissions Avoided by Fossil Fuel Displacement:</i>	<i>Electricity Generation Project</i>		<i>Direct Use Project</i>	
	<i>CO2 (tons/yr)</i>	<i>SO2 (tons/yr)</i>	<i>CO2 (tons/yr)</i>	<i>SO2 (tons/yr)</i>
<i>Coal:</i>	54,460	344	38,544	351
<i>Fuel Oil:</i>	44,698	288	31,636	184
<i>Natural Gas:</i>	30,056	0	21,272	0

E. CONTACT INFORMATION

	Landfill Owner	Landfill Operator
Contact Name:	Keneth Knight	Keneth Knight
Mailing Address:	P.O. Box 209	4746 Model City Rd. P.O. Box 209
Phone Number:		716-754-8226
Fax Number:		

* *Italicized indicates values estimated by EPA.*

A. GENERAL LANDFILL INFORMATION

Landfill Owner:		Annual Acceptance Rate (tons):	100,000
Landfill Owner Type:	Public	Year Annual Acceptance Rate Reported:	1991
Alternative Landfill Name:		Design Capacity (tons):	
City:	Frankfort	Acres Currently Landfilled (acres):	29
County:	Herkimer	Average Depth (feet):	80
State:	NY	1994 Waste-in-Place (tons):	1,190,000
Year Open:	1972	1998 Waste-in-Place (tons):	1,190,000
Year Closed:	1992		

B. LANDFILL GAS COLLECTION

Estimated Methane Generation (mmscf/d):	0.72
LFG Collection System Status:	Operational
Current LFG Collected (mmscf/d):	0.8
Collection and Treatment System Required Under NSPS/EG:	No

C. LANDFILL GAS UTILIZATION

Current Utilization:			
Utilization System Status:	Operational		
Utilization System Type:	Reciprocating Engine		
Utilization System Start Year:	1988		
Electric Utility Provider(s):			
Natural Gas Provider(s):			
Energy Purchaser(s):	Niagara Mohawk Power Corporation		
Capacity:	Electricity Generation Project (MW)	OR	Direct Use Project (mmBtu/hr)
<i>Estimated Potential Capacity:</i>	2		23
Current Capacity:	1.6		17
Planned Capacity:			

Utilities in County: Frankfort Power & Light; Iliion Bd of Light Comm; Mohawk Municipal Comm; New York State Elec

D. ENVIRONMENTAL BENEFITS OF UTILIZATION

	<i>Potential</i>		Current	
<i>Methane Reduction (tons/yr):</i>	4,176		3,084	
<i>CO2 Equivalent of CH4 Reduction (tons/yr):</i>	87,704		64,754	
<i>Emissions Avoided by Fossil Fuel Displacement:</i>	<i>Electricity Generation Project</i>		<i>Direct Use Project</i>	
	<i>CO2 (tons/yr)</i>	<i>SO2 (tons/yr)</i>	<i>CO2 (tons/yr)</i>	<i>SO2 (tons/yr)</i>
<i>Coal:</i>	18,153	115	12,577	114
<i>Fuel Oil:</i>	14,899	96	10,322	60
<i>Natural Gas:</i>	10,019	0	6,941	0

E. CONTACT INFORMATION

	Landfill Owner	Landfill Operator
Contact Name:	, City of Rochester	John Baron
Mailing Address:	101 Ontario Street	Route 5S
Phone Number:	716-383-1090	315-735-5018
Fax Number:		

* *Italicized indicates values estimated by EPA.*

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A. GENERAL LANDFILL INFORMATION

Landfill Owner:		Annual Acceptance Rate (tons):	505,589
Landfill Owner Type:	Private	Year Annual Acceptance Rate Reported:	1988
Alternative Landfill Name:		Design Capacity (tons):	
City:	Scottsville	Acres Currently Landfilled (acres):	55
County:	Livingston	Average Depth (feet):	100
State:	NY	1993 Waste-in-Place (tons):	5,212,000
Year Open:	1964	1998 Waste-in-Place (tons):	5,212,000
Year Closed:	1989		

B. LANDFILL GAS COLLECTION

Estimated Methane Generation (mmscf/d):	1.54
LFG Collection System Status:	Operational
Current LFG Collected (mmscf/d):	1.6
Collection and Treatment System Required Under NSPS/EG:	No

C. LANDFILL GAS UTILIZATION

Current Utilization:			
Utilization System Status:	Operational		
Utilization System Type:	Reciprocating Engine		
Utilization System Start Year:	1987		
Electric Utility Provider(s):			
Natural Gas Provider(s):			
Energy Purchaser(s):	Niagara Mohawk Power Corporation		
Capacity:	Electricity Generation Project (MW)	OR	Direct Use Project (mmBtu/hr)
<i>Estimated Potential Capacity:</i>	5		48
Current Capacity:	3.2		33
Planned Capacity:			

Utilities in County: New York State Electric & Gas Corp; Niagara Mohawk Power Corporation; Rochester Gas & Electric

D. ENVIRONMENTAL BENEFITS OF UTILIZATION

	<i>Potential</i>		Current	
<i>Methane Reduction (tons/yr):</i>	8,891		6,167	
<i>CO2 Equivalent of CH4 Reduction (tons/yr):</i>	186,709		129,507	
<i>Emissions Avoided by Fossil Fuel Displacement:</i>	<i>Electricity Generation Project</i>		<i>Direct Use Project</i>	
	<i>CO2 (tons/yr)</i>	<i>SO2 (tons/yr)</i>	<i>CO2 (tons/yr)</i>	<i>SO2 (tons/yr)</i>
<i>Coal:</i>	37,885	240	26,774	244
<i>Fuel Oil:</i>	31,095	200	21,975	128
<i>Natural Gas:</i>	20,908	0	14,776	0

E. CONTACT INFORMATION

Landfill Owner		Landfill Operator
Contact Name:		George Turner
Mailing Address:	101 Ontario Street	101 Ontario Street
Phone Number:	716-383-1090	
Fax Number:		

* *Italicized indicates values estimated by EPA.*

A. GENERAL LANDFILL INFORMATION

Landfill Owner:	Niagara County	Annual Acceptance Rate (tons):	77,984
Landfill Owner Type:	Public	Year Annual Acceptance Rate Reported:	1985
Alternative Landfill Name:	Niagara Recycling, Incorporated	Design Capacity (tons):	2,399,520
City:	Niagara Falls	Acres Currently Landfilled (acres):	50
County:	Niagara	Average Depth (feet):	50
State:	NY	1993 Waste-in-Place (tons):	2,633,473
Year Open:	1970	1998 Waste-in-Place (tons):	3,023,393
Year Closed:			

B. LANDFILL GAS COLLECTION

Estimated Methane Generation (mmscf/d):	1.19
LFG Collection System Status:	Operational
Current LFG Collected (mmscf/d):	
Collection and Treatment System Required Under NSPS/EG:	No

C. LANDFILL GAS UTILIZATION

Current Utilization:

Utilization System Status:	Operational
Utilization System Type:	Unknown
Utilization System Start Year:	
Electric Utility Provider(s):	
Natural Gas Provider(s):	
Energy Purchaser(s):	

Capacity: Electricity Generation Project (MW) OR Direct Use Project (mmBtu/hr)

Estimated Potential Capacity:	4	37
Current Capacity:		
Planned Capacity:		

Utilities in County: New York State Electric & Gas Corp; Niagara Mohawk Power Corporation

D. ENVIRONMENTAL BENEFITS OF UTILIZATION

	<i>Potential</i>		<i>Current</i>	
<i>Methane Reduction (tons/yr):</i>	6,888		0	
<i>CO2 Equivalent of CH4 Reduction (tons/yr):</i>	144,640		0	
<i>Emissions Avoided by Fossil Fuel Displacement:</i>	<i>Electricity Generation Project</i>		<i>Direct Use Project</i>	
	<i>CO2 (tons/yr)</i>	<i>SO2 (tons/yr)</i>	<i>CO2 (tons/yr)</i>	<i>SO2 (tons/yr)</i>
<i>Coal:</i>	29,203	185	20,741	189
<i>Fuel Oil:</i>	23,969	154	17,023	99
<i>Natural Gas:</i>	16,117	0	11,447	0

E. CONTACT INFORMATION

	Landfill Owner	Landfill Operator
Contact Name:	Paul Barley	David Hanson
Mailing Address:	P.O. Box 344 L.P.O.	5600 Niagara Falls Boulevard
Phone Number:	716-873-7500	716-282-2676
Fax Number:	716-285-3398	

* *Italicized indicates values estimated by EPA.*

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A. GENERAL LANDFILL INFORMATION

Landfill Owner:	Town of Hempstead	Annual Acceptance Rate (tons):	
Landfill Owner Type:	Public	Year Annual Acceptance Rate Reported:	
Alternative Landfill Name:	Hempstead LF	Design Capacity (tons):	
City:	Hempstead	Acres Currently Landfilled (acres):	125
County:	Nassau	Average Depth (feet):	168
State:	NY	1988 Waste-in-Place (tons):	6,500,000
Year Open:	1964	1998 Waste-in-Place (tons):	6,500,000
Year Closed:	1988		

B. LANDFILL GAS COLLECTION

Estimated Methane Generation (mmscf/d):	1.80
LFG Collection System Status:	Operational
Current LFG Collected (mmscf/d):	1.7
Collection and Treatment System Required Under NSPS/EG:	No

C. LANDFILL GAS UTILIZATION

Current Utilization:			
Utilization System Status:	Operational		
Utilization System Type:	Reciprocating Engine		
Utilization System Start Year:	1990		
Electric Utility Provider(s):			
Natural Gas Provider(s):			
Energy Purchaser(s):	Long Island Lighting Company		

Capacity: Electricity Generation Project (MW) OR Direct Use Project (mmBtu/hr)

Estimated Potential Capacity:	6	56
Current Capacity:	3.0	35
Planned Capacity:		

Utilities in County: Central Hudson Gas & Electric Corp; Freeport Light & Power; Long Island Lighting Company; New

D. ENVIRONMENTAL BENEFITS OF UTILIZATION

	<i>Potential</i>		Current	
<i>Methane Reduction (tons/yr):</i>	10,427		6,553	
<i>CO2 Equivalent of CH4 Reduction (tons/yr):</i>	218,963		137,603	
<i>Emissions Avoided by Fossil Fuel Displacement:</i>	<i>Electricity Generation Project</i>		<i>Direct Use Project</i>	
	<i>CO2 (tons/yr)</i>	<i>SO2 (tons/yr)</i>	<i>CO2 (tons/yr)</i>	<i>SO2 (tons/yr)</i>
<i>Coal:</i>	44,200	279	31,399	286
<i>Fuel Oil:</i>	36,277	234	25,771	150
<i>Natural Gas:</i>	24,393	0	17,329	0

E. CONTACT INFORMATION

	Landfill Owner	Landfill Operator
Contact Name:		
Mailing Address:		
Phone Number:		516-378-4210
Fax Number:		

A. GENERAL LANDFILL INFORMATION

Landfill Owner:		Annual Acceptance Rate (tons):	
Landfill Owner Type:		Year Annual Acceptance Rate Reported:	
Alternative Landfill Name:	Oyster Bay LF	Design Capacity (tons):	
City:	Oyster Bay	Acres Currently Landfilled (acres):	50
County:	Nassau	Average Depth (feet):	220
State:	NY	1986 Waste-in-Place (tons):	2,800,000
Year Open:	1968	1998 Waste-in-Place (tons):	2,800,000
Year Closed:	1986		

B. LANDFILL GAS COLLECTION

Estimated Methane Generation (mmscf/d):	1.13
LFG Collection System Status:	Operational
Current LFG Collected (mmscf/d):	0.8
Collection and Treatment System Required Under NSPS/EG:	No

C. LANDFILL GAS UTILIZATION

Current Utilization:	
Utilization System Status:	Operational
Utilization System Type:	Reciprocating Engine
Utilization System Start Year:	1987
Electric Utility Provider(s):	
Natural Gas Provider(s):	
Energy Purchaser(s):	Long Island Lighting Company

Capacity:	Electricity Generation Project (MW)	OR	Direct Use Project (mmBtu/hr)
Estimated Potential Capacity:	4		35
Current Capacity:	1.2		17
Planned Capacity:			

Utilities in County: Central Hudson Gas & Electric Corp; Freeport Light & Power; Long Island Lighting Company; New

D. ENVIRONMENTAL BENEFITS OF UTILIZATION

	<i>Potential</i>		Current	
<i>Methane Reduction (tons/yr):</i>	6,557		3,084	
<i>CO2 Equivalent of CH4 Reduction (tons/yr):</i>	137,703		64,754	
<i>Emissions Avoided by Fossil Fuel Displacement:</i>	<i>Electricity Generation Project</i>		<i>Direct Use Project</i>	
	<i>CO2 (tons/yr)</i>	<i>SO2 (tons/yr)</i>	<i>CO2 (tons/yr)</i>	<i>SO2 (tons/yr)</i>
<i>Coal:</i>	27,625	175	19,746	180
<i>Fuel Oil:</i>	22,673	146	16,207	94
<i>Natural Gas:</i>	15,246	0	10,898	0

E. CONTACT INFORMATION

	Landfill Owner	Landfill Operator
Contact Name:		
Mailing Address:		
Phone Number:		516-677-5711
Fax Number:		

* *Italicized indicates values estimated by EPA.*

A. GENERAL LANDFILL INFORMATION

Landfill Owner:	Western Finger Lakes	Annual Acceptance Rate (tons):	45,520
Landfill Owner Type:	Private	Year Annual Acceptance Rate Reported:	1993
Alternative Landfill Name:		Design Capacity (tons):	3,040,000
City:	Canandaiqua	Acres Currently Landfilled (acres):	48
County:	Ontario	Average Depth (feet):	30
State:	NY	1993 Waste-in-Place (tons):	1,532,882
Year Open:	1975	1998 Waste-in-Place (tons):	1,812,685
Year Closed:	2030		

B. LANDFILL GAS COLLECTION

Estimated Methane Generation (mmscf/d):	0.88
LFG Collection System Status:	
Current LFG Collected (mmscf/d):	
Collection and Treatment System Required Under NSPS/EG:	No

C. LANDFILL GAS UTILIZATION

Current Utilization:

Utilization System Status:	Unknown
Utilization System Type:	Unknown
Utilization System Start Year:	
Electric Utility Provider(s):	
Natural Gas Provider(s):	
Energy Purchaser(s):	

Capacity: Electricity Generation Project (MW) OR Direct Use Project (mmBtu/hr)

Estimated Potential Capacity:	3	28
Current Capacity:		
Planned Capacity:		

Utilities in County: New York State Electric & Gas Corp; Niagara Mohawk Power Corporation; Rochester Gas & Electric

D. ENVIRONMENTAL BENEFITS OF UTILIZATION

	<i>Potential</i>		<i>Current</i>	
<i>Methane Reduction (tons/yr):</i>	5,097		0	
<i>CO2 Equivalent of CH4 Reduction (tons/yr):</i>	107,041		0	
<i>Emissions Avoided by Fossil Fuel Displacement:</i>	<i>Electricity Generation Project</i>		<i>Direct Use Project</i>	
	<i>CO2 (tons/yr)</i>	<i>SO2 (tons/yr)</i>	<i>CO2 (tons/yr)</i>	<i>SO2 (tons/yr)</i>
<i>Coal:</i>	22,100	140	15,350	140
<i>Fuel Oil:</i>	18,139	117	12,598	73
<i>Natural Gas:</i>	12,197	0	8,471	0

E. CONTACT INFORMATION

	Landfill Owner	Landfill Operator
Contact Name:	Kevin Spillane	Kevin Spillane
Mailing Address:	2525 Route 332	2525 Route 332
Phone Number:	716-396-4482	716-396-4482
Fax Number:		

* *Italicized indicates values estimated by EPA.*

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A. GENERAL LANDFILL INFORMATION

Landfill Owner:		Annual Acceptance Rate (tons):	295,000
Landfill Owner Type:	Public	Year Annual Acceptance Rate Reported:	1991
Alternative Landfill Name:		Design Capacity (tons):	
City:	Goshen	Acres Currently Landfilled (acres):	65
County:	Orange	Average Depth (feet):	100
State:	NY	1995 Waste-in-Place (tons):	4,000,000
Year Open:	1973	1998 Waste-in-Place (tons):	4,000,000
Year Closed:	1991		

B. LANDFILL GAS COLLECTION

Estimated Methane Generation (mmscf/d):	1.44
LFG Collection System Status:	Operational
Current LFG Collected (mmscf/d):	2.0
Collection and Treatment System Required Under NSPS/EG:	No

C. LANDFILL GAS UTILIZATION

Current Utilization:			
Utilization System Status:	Operational		
Utilization System Type:	Gas Turbine		
Utilization System Start Year:	1989		
Electric Utility Provider(s):			
Natural Gas Provider(s):			
Energy Purchaser(s):	Orange & Rockland Utilities Inc		
Capacity:	Electricity Generation Project (MW)	OR	Direct Use Project (mmBtu/hr)
Estimated Potential Capacity:	5		45
Current Capacity:	2.6		42
Planned Capacity:			

Utilities in County: Central Hudson Gas & Electric Corp; New York State Electric & Gas Corp; Niagara Mohawk Power

D. ENVIRONMENTAL BENEFITS OF UTILIZATION

	<i>Potential</i>		Current	
<i>Methane Reduction (tons/yr):</i>	8,332		7,709	
<i>CO2 Equivalent of CH4 Reduction (tons/yr):</i>	174,968		161,885	
<i>Emissions Avoided by Fossil Fuel Displacement:</i>	<i>Electricity Generation Project</i>		<i>Direct Use Project</i>	
	<i>CO2 (tons/yr)</i>	<i>SO2 (tons/yr)</i>	<i>CO2 (tons/yr)</i>	<i>SO2 (tons/yr)</i>
<i>Coal:</i>	35,517	225	25,090	228
<i>Fuel Oil:</i>	29,151	188	20,593	120
<i>Natural Gas:</i>	19,602	0	13,847	0

E. CONTACT INFORMATION

Landfill Owner		Landfill Operator
Contact Name:		Richard A. Holmberg
Mailing Address:		P.O. Box 509, Route 17M
Phone Number:		914-294-7951
Fax Number:		

* *Italicized indicates values estimated by EPA.*

A. GENERAL LANDFILL INFORMATION

Landfill Owner:	Town of Riverhead	Annual Acceptance Rate (tons):
Landfill Owner Type:	Public	Year Annual Acceptance Rate Reported:
Alternative Landfill Name:		Design Capacity (tons):
City:		Acres Currently Landfilled (acres):
County:		Average Depth (feet):
State:	NY	Waste-in-Place (tons):
Year Open:		<i>1998 Waste-in-Place (tons):</i>
Year Closed:		

B. LANDFILL GAS COLLECTION

Estimated Methane Generation (mmscf/d):

LFG Collection System Status: Operational

Current LFG Collected (mmscf/d):

Collection and Treatment System Required Under NSPS/EG: No

C. LANDFILL GAS UTILIZATION

Current Utilization:

Utilization System Status: Shutdown

Utilization System Type: Unknown

Utilization System Start Year:

Electric Utility Provider(s):

Natural Gas Provider(s):

Energy Purchaser(s): Long Island Lighting Company

Capacity: Electricity Generation Project (MW) OR Direct Use Project (mmBtu/hr)

Estimated Potential Capacity:

Current Capacity:

Planned Capacity:

.58

Utilities in County:

D. ENVIRONMENTAL BENEFITS OF UTILIZATION

	<i>Potential</i>	Current
<i>Methane Reduction (tons/yr):</i>		
<i>CO2 Equivalent of CH4 Reduction (tons/yr):</i>		
<i>Emissions Avoided by Fossil Fuel Displacement:</i>	<i>Electricity Generation Project</i>	<i>Direct Use Project</i>
	<i>CO2 (tons/yr) SO2 (tons/yr)</i>	<i>CO2 (tons/yr) SO2 (tons/yr)</i>
<i>Coal:</i>		
<i>Fuel Oil:</i>		
<i>Natural Gas:</i>		

E. CONTACT INFORMATION

Landfill Owner

Landfill Operator

Contact Name:

Mailing Address:

Phone Number:

Fax Number:

A. GENERAL LANDFILL INFORMATION

Landfill Owner:	Town of Riverhead	Annual Acceptance Rate (tons):	33,655
Landfill Owner Type:	Public	Year Annual Acceptance Rate Reported:	1993
Alternative Landfill Name:		Design Capacity (tons):	
City:	Riverhead	Acres Currently Landfilled (acres):	40
County:	Suffolk	Average Depth (feet):	65
State:	NY	1993 Waste-in-Place (tons):	3,000,000
Year Open:	1936	1998 Waste-in-Place (tons):	3,000,000
Year Closed:	1993		

B. LANDFILL GAS COLLECTION

Estimated Methane Generation (mmscf/d):	0.75
LFG Collection System Status:	Shutdown
Current LFG Collected (mmscf/d):	0.4
Collection and Treatment System Required Under NSPS/EG:	No

C. LANDFILL GAS UTILIZATION

Current Utilization:			
Utilization System Status:	Shutdown		
Utilization System Type:	Reciprocating Engine		
Utilization System Start Year:	1985		
Electric Utility Provider(s):			
Natural Gas Provider(s):			
Energy Purchaser(s):	Long Island Lighting Company		
Capacity:	Electricity Generation Project (MW)	OR	Direct Use Project (mmBtu/hr)
Estimated Potential Capacity:	2		24
Current Capacity:			
Planned Capacity:	.58		8

Utilities in County: Fishers Island Electric Corp; Greenport Electric Dept; Long Island Lighting Company; New York Sta

D. ENVIRONMENTAL BENEFITS OF UTILIZATION

	<i>Potential</i>		Current	
<i>Methane Reduction (tons/yr):</i>	4,362		1,542	
<i>CO2 Equivalent of CH4 Reduction (tons/yr):</i>	91,610		32,378	
<i>Emissions Avoided by Fossil Fuel Displacement:</i>	<i>Electricity Generation Project</i>		<i>Direct Use Project</i>	
	<i>CO2 (tons/yr)</i>	<i>SO2 (tons/yr)</i>	<i>CO2 (tons/yr)</i>	<i>SO2 (tons/yr)</i>
<i>Coal:</i>	18,943	120	13,137	120
<i>Fuel Oil:</i>	15,547	100	10,782	63
<i>Natural Gas:</i>	10,454	0	7,250	0

E. CONTACT INFORMATION

Landfill Owner		Landfill Operator
Contact Name:		John Reeve, Supervisor of Sanitation
Mailing Address:		
Phone Number:		516-727-8194
Fax Number:		

* *Italicized indicates values estimated by EPA.*

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A. GENERAL LANDFILL INFORMATION

Landfill Owner:	City of Saratoga Springs	Annual Acceptance Rate (tons):	
Landfill Owner Type:	Public	Year Annual Acceptance Rate Reported:	
Alternative Landfill Name:	Wieble Avenue LF	Design Capacity (tons):	
City:	Saratoga Springs	Acres Currently Landfilled (acres):	44
County:	Saratoga	Average Depth (feet):	90
State:	NY	Waste-in-Place (tons):	2,129,596
Year Open:	1937	1998 Waste-in-Place (tons):	2,129,596
Year Closed:	1991		

B. LANDFILL GAS COLLECTION

Estimated Methane Generation (mmscf/d):	0.32
LFG Collection System Status:	Operational
Current LFG Collected (mmscf/d):	
Collection and Treatment System Required Under NSPS/EG:	No

C. LANDFILL GAS UTILIZATION

Current Utilization:			
Utilization System Status:	Operational		
Utilization System Type:	Cogeneration		
Utilization System Start Year:	1997		
Electric Utility Provider(s):			
Natural Gas Provider(s):			
Energy Purchaser(s):			
Capacity:	Electricity Generation Project (MW)	OR	Direct Use Project (mmBtu/hr)
Estimated Potential Capacity:	1		10
Current Capacity:	1.0		
Planned Capacity:			

Utilities in County: New York State Electric & Gas Corp; Niagara Mohawk Power Corporation; Rochester Gas & Electric

D. ENVIRONMENTAL BENEFITS OF UTILIZATION

	<i>Potential</i>		Current	
<i>Methane Reduction (tons/yr):</i>	1,853		0	
<i>CO2 Equivalent of CH4 Reduction (tons/yr):</i>	38,919		0	
<i>Emissions Avoided by Fossil Fuel Displacement:</i>	<i>Electricity Generation Project</i>		<i>Direct Use Project</i>	
	<i>CO2 (tons/yr)</i>	<i>SO2 (tons/yr)</i>	<i>CO2 (tons/yr)</i>	<i>SO2 (tons/yr)</i>
<i>Coal:</i>	7,893	50	5,581	51
<i>Fuel Oil:</i>	6,478	42	4,581	27
<i>Natural Gas:</i>	4,356	0	3,080	0

E. CONTACT INFORMATION

Landfill Owner		Landfill Operator
Contact Name:		Joe O'Neil
Mailing Address:	City Hall	City Hall
Phone Number:	518-587-3550	518-587-3550
Fax Number:		

* *Italicized indicates values estimated by EPA.*

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A. GENERAL LANDFILL INFORMATION

Landfill Owner:		Annual Acceptance Rate (tons):	800,000
Landfill Owner Type:	Private	Year Annual Acceptance Rate Reported:	1998
Alternative Landfill Name:		Design Capacity (tons):	
City:	Waterloo	Acres Currently Landfilled (acres):	75
County:	Seneca	Average Depth (feet):	85
State:	NY	1998 Waste-in-Place (tons):	10,000,000
Year Open:	1981	1998 Waste-in-Place (tons):	10,000,000
Year Closed:	1999		

B. LANDFILL GAS COLLECTION

Estimated Methane Generation (mmscf/d):	2.98
LFG Collection System Status:	Operational
Current LFG Collected (mmscf/d):	2.9
Collection and Treatment System Required Under NSPS/EG:	No

C. LANDFILL GAS UTILIZATION

Current Utilization:			
Utilization System Status:	Operational		
Utilization System Type:	Reciprocating Engine		
Utilization System Start Year:	1994		
Electric Utility Provider(s):			
Natural Gas Provider(s):			
Energy Purchaser(s):	New York State Electric & Gas Corp		
Capacity:	Electricity Generation Project (MW)	OR	Direct Use Project (mmBtu/hr)
<i>Estimated Potential Capacity:</i>	9		93
Current Capacity:	5.6		60
Planned Capacity:			

Utilities in County: New York State Electric & Gas Corp

D. ENVIRONMENTAL BENEFITS OF UTILIZATION

	<i>Potential</i>		Current	
<i>Methane Reduction (tons/yr):</i>	17,205		11,178	
<i>CO2 Equivalent of CH4 Reduction (tons/yr):</i>	361,295		234,734	
<i>Emissions Avoided by Fossil Fuel Displacement:</i>	<i>Electricity Generation Project</i>		<i>Direct Use Project</i>	
	<i>CO2 (tons/yr)</i>	<i>SO2 (tons/yr)</i>	<i>CO2 (tons/yr)</i>	<i>SO2 (tons/yr)</i>
<i>Coal:</i>	73,403	464	51,809	471
<i>Fuel Oil:</i>	60,246	388	42,523	248
<i>Natural Gas:</i>	40,510	0	28,593	0

E. CONTACT INFORMATION

	Landfill Owner	Landfill Operator
Contact Name:	E. Ridley	John Battaglia
Mailing Address:	1786 Saleman Road	3233 Route 112
Phone Number:	315-539-5624	315-539-5624
Fax Number:		

* *Italicized indicates values estimated by EPA.*

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A. GENERAL LANDFILL INFORMATION

Landfill Owner:	Allied Waste (old LWS)	Annual Acceptance Rate (tons):	82,724
Landfill Owner Type:	Private	Year Annual Acceptance Rate Reported:	1993
Alternative Landfill Name:	Austro Brothers Construction SLF; Watertow	Design Capacity (tons):	
City:	Watertown	Acres Currently Landfilled (acres):	26
County:	Saratoga	Average Depth (feet):	90
State:	NY	Waste-in-Place (tons):	1,406,308
Year Open:	1978	1998 Waste-in-Place (tons):	1,406,308
Year Closed:	1994		

B. LANDFILL GAS COLLECTION

Estimated Methane Generation (mmscf/d):	0.78
LFG Collection System Status:	
Current LFG Collected (mmscf/d):	
Collection and Treatment System Required Under NSPS/EG:	No

C. LANDFILL GAS UTILIZATION

Current Utilization:

Utilization System Status:	Potential
Utilization System Type:	Unknown
Utilization System Start Year:	
Electric Utility Provider(s):	
Natural Gas Provider(s):	
Energy Purchaser(s):	

Capacity: Electricity Generation Project (MW) OR Direct Use Project (mmBtu/hr)

Estimated Potential Capacity:	2	24
Current Capacity:		
Planned Capacity:		

Utilities in County: New York State Electric & Gas Corp; Niagara Mohawk Power Corporation; Philadelphia Muni Elec

D. ENVIRONMENTAL BENEFITS OF UTILIZATION

	<i>Potential</i>		Current	
<i>Methane Reduction (tons/yr):</i>		4,496		0
<i>CO2 Equivalent of CH4 Reduction (tons/yr):</i>		94,422		0
<i>Emissions Avoided by Fossil Fuel Displacement:</i>	<i>Electricity Generation Project</i>		<i>Direct Use Project</i>	
	<i>CO2 (tons/yr)</i>	<i>SO2 (tons/yr)</i>	<i>CO2 (tons/yr)</i>	<i>SO2 (tons/yr)</i>
<i>Coal:</i>	18,943	120	13,540	123
<i>Fuel Oil:</i>	15,547	100	11,113	65
<i>Natural Gas:</i>	10,454	0	7,473	0

E. CONTACT INFORMATION

Landfill Owner		Landfill Operator
Contact Name:		Michael Sligar
Mailing Address:	245 Washington Street	245 Washington Street
Phone Number:	315-785-7740	315-785-7740
Fax Number:		

* *Italicized indicates values estimated by EPA.*

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A. GENERAL LANDFILL INFORMATION

Landfill Owner:		Annual Acceptance Rate (tons):	314,600
Landfill Owner Type:	Public	Year Annual Acceptance Rate Reported:	
Alternative Landfill Name:	Smithtown Municipal Services Facility LF; S	Design Capacity (tons):	
City:	Smithtown	Acres Currently Landfilled (acres):	24
County:	Suffolk	Average Depth (feet):	100
State:	NY	1990 Waste-in-Place (tons):	1,700,000
Year Open:	1979	1998 Waste-in-Place (tons):	1,700,000
Year Closed:	1990		

B. LANDFILL GAS COLLECTION

Estimated Methane Generation (mmscf/d):	0.85
LFG Collection System Status:	Operational
Current LFG Collected (mmscf/d):	0.6
Collection and Treatment System Required Under NSPS/EG:	No

C. LANDFILL GAS UTILIZATION

Current Utilization:			
Utilization System Status:	Operational		
Utilization System Type:	Reciprocating Engine		
Utilization System Start Year:	1987		
Electric Utility Provider(s):			
Natural Gas Provider(s):			
Energy Purchaser(s):	Long Island Lighting Company		
Capacity:	Electricity Generation Project (MW)	OR	Direct Use Project (mmBtu/hr)
<i>Estimated Potential Capacity:</i>	3		27
Current Capacity:	1.2		13
Planned Capacity:			

Utilities in County: Fishers Island Electric Corp; Greenport Electric Dept; Long Island Lighting Company; New York Sta

D. ENVIRONMENTAL BENEFITS OF UTILIZATION

	<i>Potential</i>		Current	
<i>Methane Reduction (tons/yr):</i>	4,931		2,313	
<i>CO2 Equivalent of CH4 Reduction (tons/yr):</i>	103,543		48,565	
<i>Emissions Avoided by Fossil Fuel Displacement:</i>	<i>Electricity Generation Project</i>		<i>Direct Use Project</i>	
	<i>CO2 (tons/yr)</i>	<i>SO2 (tons/yr)</i>	<i>CO2 (tons/yr)</i>	<i>SO2 (tons/yr)</i>
<i>Coal:</i>	21,311	135	14,848	135
<i>Fuel Oil:</i>	17,491	113	12,186	71
<i>Natural Gas:</i>	11,761	0	8,194	0

E. CONTACT INFORMATION

	Landfill Owner	Landfill Operator
Contact Name:	John Trent	Andrew Wolke
Mailing Address:	124 West Main Street	99 West Main Street
Phone Number:	516-360-7550	516-360-7550
Fax Number:	516-360-7559	

* *Italicized indicates values estimated by EPA.*

A. GENERAL LANDFILL INFORMATION

Landfill Owner:	Sullivan County	Annual Acceptance Rate (tons):	175,000
Landfill Owner Type:	Public	Year Annual Acceptance Rate Reported:	1998
Alternative Landfill Name:		Design Capacity (tons):	1,200,000
City:	Thompson	Acres Currently Landfilled (acres):	40
County:	Sullivan	Average Depth (feet):	110
State:	NY	1998 Waste-in-Place (tons):	1,359,000
Year Open:	1994	1998 Waste-in-Place (tons):	1,359,000
Year Closed:	2014		

B. LANDFILL GAS COLLECTION

Estimated Methane Generation (mmscf/d):	0.77
LFG Collection System Status:	
Current LFG Collected (mmscf/d):	
Collection and Treatment System Required Under NSPS/EG:	No

C. LANDFILL GAS UTILIZATION

Current Utilization:			
Utilization System Status:	Potential		
Utilization System Type:	Unknown		
Utilization System Start Year:			
Electric Utility Provider(s):	New York State Gas and Electric		
Natural Gas Provider(s):			
Energy Purchaser(s):	LF Leachate Pre-trmtt plant; Monticello STP		
Capacity:	Electricity Generation Project (MW)	OR	Direct Use Project (mmBtu/hr)
Estimated Potential Capacity:	2		24
Current Capacity:			
Planned Capacity:			

Utilities in County: Central Hudson Gas & Electric Corp; New York State Electric & Gas Corp; Orange & Rockland Util

D. ENVIRONMENTAL BENEFITS OF UTILIZATION

	<i>Potential</i>		Current	
<i>Methane Reduction (tons/yr):</i>		4,426		0
<i>CO2 Equivalent of CH4 Reduction (tons/yr):</i>		92,952		0
<i>Emissions Avoided by Fossil Fuel Displacement:</i>	<i>Electricity Generation Project</i>		<i>Direct Use Project</i>	
	<i>CO2 (tons/yr)</i>	<i>SO2 (tons/yr)</i>	<i>CO2 (tons/yr)</i>	<i>SO2 (tons/yr)</i>
<i>Coal:</i>	18,943	120	13,329	121
<i>Fuel Oil:</i>	15,547	100	10,940	64
<i>Natural Gas:</i>	10,454	0	7,356	0

E. CONTACT INFORMATION

	Landfill Owner	Landfill Operator
Contact Name:	John Kehlenbeck	
Mailing Address:	973 East Broadway	973 East Broadway
Phone Number:	914-794-4466	914-794-4466
Fax Number:		

* *Italicized indicates values estimated by EPA.*

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A. GENERAL LANDFILL INFORMATION

Landfill Owner:	BFI	Annual Acceptance Rate (tons):	
Landfill Owner Type:	Private	Year Annual Acceptance Rate Reported:	1998
Alternative Landfill Name:		Design Capacity (tons):	
City:	Buffalo	Acres Currently Landfilled (acres):	
County:		Average Depth (feet):	
State:	NY	1998 Waste-in-Place (tons):	
Year Open:		1998 Waste-in-Place (tons):	
Year Closed:			

B. LANDFILL GAS COLLECTION

Estimated Methane Generation (mmscf/d):

LFG Collection System Status:

Current LFG Collected (mmscf/d):

Collection and Treatment System Required Under NSPS/EG: No

C. LANDFILL GAS UTILIZATION

Current Utilization:

Utilization System Status: Planned

Utilization System Type: Reciprocating Engine

Utilization System Start Year: 1998

Electric Utility Provider(s):

Natural Gas Provider(s):

Energy Purchaser(s): Town of Tonawanda

Capacity: Electricity Generation Project (MW) OR Direct Use Project (mmBtu/hr)

Estimated Potential Capacity:

Current Capacity:

Planned Capacity:

Utilities in County:

D. ENVIRONMENTAL BENEFITS OF UTILIZATION

	<i>Potential</i>	<i>Current</i>
<i>Methane Reduction (tons/yr):</i>		
<i>CO2 Equivalent of CH4 Reduction (tons/yr):</i>		
<i>Emissions Avoided by Fossil Fuel Displacement:</i>	<i>Electricity Generation Project</i>	<i>Direct Use Project</i>
	<i>CO2 (tons/yr) SO2 (tons/yr)</i>	<i>CO2 (tons/yr) SO2 (tons/yr)</i>
<i>Coal:</i>		
<i>Fuel Oil:</i>		
<i>Natural Gas:</i>		

E. CONTACT INFORMATION

	Landfill Owner	Landfill Operator
Contact Name:		
Mailing Address:		
Phone Number:		
Fax Number:		

* *Italicized indicates values estimated by EPA.*

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A. GENERAL LANDFILL INFORMATION

Landfill Owner:		Annual Acceptance Rate (tons):	
Landfill Owner Type:	Public	Year Annual Acceptance Rate Reported:	
Alternative Landfill Name:		Design Capacity (tons):	
City:	Onondaga	Acres Currently Landfilled (acres):	65
County:	Onondaga	Average Depth (feet):	70
State:	NY	1994 Waste-in-Place (tons):	1,700,000
Year Open:	1964	1998 Waste-in-Place (tons):	1,700,000
Year Closed:	1985		

B. LANDFILL GAS COLLECTION

Estimated Methane Generation (mmscf/d):	0.77
LFG Collection System Status:	Operational
Current LFG Collected (mmscf/d):	0.5
Collection and Treatment System Required Under NSPS/EG:	No

C. LANDFILL GAS UTILIZATION

Current Utilization:			
Utilization System Status:	Operational		
Utilization System Type:	Reciprocating Engine		
Utilization System Start Year:	1988		
Electric Utility Provider(s):			
Natural Gas Provider(s):			
Energy Purchaser(s):	Niagara Mohawk Power Corporation		
Capacity:	Electricity Generation Project (MW)	OR	Direct Use Project (mmBtu/hr)
Estimated Potential Capacity:	2		24
Current Capacity:	1.2		10
Planned Capacity:			

Utilities in County: New York State Electric & Gas Corp; Niagara Mohawk Power Corporation; Skaneateles Muni Elec D

D. ENVIRONMENTAL BENEFITS OF UTILIZATION

	<i>Potential</i>		Current	
<i>Methane Reduction (tons/yr):</i>	4,452		1,927	
<i>CO2 Equivalent of CH4 Reduction (tons/yr):</i>	93,486		40,471	
<i>Emissions Avoided by Fossil Fuel Displacement:</i>	<i>Electricity Generation Project</i>		<i>Direct Use Project</i>	
	<i>CO2 (tons/yr)</i>	<i>SO2 (tons/yr)</i>	<i>CO2 (tons/yr)</i>	<i>SO2 (tons/yr)</i>
<i>Coal:</i>	18,943	120	13,406	122
<i>Fuel Oil:</i>	15,547	100	11,003	64
<i>Natural Gas:</i>	10,454	0	7,399	0

E. CONTACT INFORMATION

Landfill Owner		Landfill Operator
Contact Name:		
Mailing Address:		
Phone Number:		315-422-7812
Fax Number:		

* *Italicized indicates values estimated by EPA.*

A. GENERAL LANDFILL INFORMATION

Landfill Owner:	City of Troy	Annual Acceptance Rate (tons):	130,981
Landfill Owner Type:	Public	Year Annual Acceptance Rate Reported:	1993
Alternative Landfill Name:		Design Capacity (tons):	959,808
City:	Troy	Acres Currently Landfilled (acres):	50
County:	Rensselaer	Average Depth (feet):	
State:	NY	1998 Waste-in-Place (tons):	1,500,000
Year Open:	1969	1998 Waste-in-Place (tons):	1,500,000
Year Closed:	1993		

B. LANDFILL GAS COLLECTION

Estimated Methane Generation (mmscf/d):	0.80
LFG Collection System Status:	
Current LFG Collected (mmscf/d):	
Collection and Treatment System Required Under NSPS/EG:	No

C. LANDFILL GAS UTILIZATION

Current Utilization:			
Utilization System Status:	Planned		
Utilization System Type:	Unknown		
Utilization System Start Year:			
Electric Utility Provider(s):			
Natural Gas Provider(s):			
Energy Purchaser(s):	Hudson Valley Community College		
Capacity:	Electricity Generation Project (MW)	OR	Direct Use Project (mmBtu/hr)
Estimated Potential Capacity:	3		25
Current Capacity:			
Planned Capacity:			

Utilities in County: New York State Electric & Gas Corp; Niagara Mohawk Power Corporation

D. ENVIRONMENTAL BENEFITS OF UTILIZATION

	<i>Potential</i>		<i>Current</i>	
<i>Methane Reduction (tons/yr):</i>		4,635		0
<i>CO2 Equivalent of CH4 Reduction (tons/yr):</i>		97,331		0
<i>Emissions Avoided by Fossil Fuel Displacement:</i>	<i>Electricity Generation Project</i>		<i>Direct Use Project</i>	
	<i>CO2 (tons/yr)</i>	<i>SO2 (tons/yr)</i>	<i>CO2 (tons/yr)</i>	<i>SO2 (tons/yr)</i>
<i>Coal:</i>	19,732	125	13,957	127
<i>Fuel Oil:</i>	16,195	104	11,455	67
<i>Natural Gas:</i>	10,890	0	7,703	0

E. CONTACT INFORMATION

	Landfill Owner	Landfill Operator
Contact Name:	Eugene Bechard	Eugene Bechard
Mailing Address:	City Hall	City Hall
Phone Number:	518-270-4467	518-270-4467
Fax Number:		

* *Italicized indicates values estimated by EPA.*

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